

DII.3010.HP1020.KernelP6.IG-1

**Defense Information Infrastructure (DII)
Common Operating Environment (COE)**

**Installation Guide
for Kernel Version 3.0.1.0 Patch 6
(HP-UX 10.20)**

December 1, 1997

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Preface

The following conventions have been used in this document:

[HELVETICA FONT]	Used to indicate keys to be pressed. For example, press [RETURN].
Courier Font	Used to indicate entries to be typed at the keyboard, operating system commands, titles of windows and dialog boxes, file and directory names, and screen text. For example, type the following command at the prompt: <pre>setenv boot-device diskN</pre>
<i>Italics</i>	Used for emphasis.

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1. Introduction

1.1 Overview

The Defense Information Infrastructure (DII) Common Operating Environment (COE) will normally make available a large number of segments, not all of which are required for every application. The DII COE Kernel is the minimum set of software required on every workstation regardless of how the workstation will be used. This minimum set of software includes the operating system and windowing services, as well as external environment interfaces.

The DII COE Kernel Version 3.0.1.0 Patch 6 for HP-UX 10.20 encompasses the following changes:

- C Profile selectors will come up immediately after login if configured that way
- C Several enhancements were made to Network Information Service (NIS) initialization
- C COEInstaller has been updated to check the version number in the requires and conflicts segdescriptors
- C Print jobs can now be redirected to a remote printer.

Since this is a roll-up patch, all Kernel Version 3.1 changes incorporated in previous patches are in effect for this patch, except Patch 5.

Patch 5, which provides for the simultaneous operation of NIS and C2 on the same workstation, is not rolled into Patch 6 because this is a program specific patch for the Global Command and Control System (GCCS). If this functionality is desired or required, then Patch 5 *must* be installed prior to the installation of Patch 6.

Refer to the *DII COE Version 3.0.1.0 Version Description Document for the Kernel Patch 6* for more information about the DII COE Version 3.0.1.0 Kernel Patch 6.

1.2 Referenced Documents

The following documents are referenced in this installation guide:

- C DII.3010.HP1020.KernelP6.VDD-1, *Defense Information Infrastructure (DII) Common Operating Environment (COE) Version 3.0.1.0 Version Description Document for the Kernel Patch 6 (HP-UX 10.20)*, December 1, 1997
- C DII.3010.HP1020.Kernel.IG-1, *Defense Information Infrastructure (DII) Common Operating Environment (COE) Version 3.0.1.0 Kernel Installation Guide (HP-UX 10.20)*, April 22, 1997
- C DII.31.HPSOL.AG-1, *Defense Information Infrastructure (DII) Common Operating Environment (COE) Version 3.1 System Administrator's Guide (HP-UX 10.20 and Solaris 2.5.1)*, April 14, 1997.

2. Kernel Patch Installation

This DII COE Version 3.0.1.0 Kernel Patch 6 (HP-UX 10.20) tape is a patch segment and must be installed after the HP-UX 10.20 Operating System and the DII COE Version 3.0.1.0 Kernel. Refer to the *DII COE Kernel Installation Guide (HP-UX 10.20)* for instructions on installing the HP-UX 10.20 Operating System and the DII COE Kernel.

NOTE: If this is an install on a *clean* system, then it is recommended that you install the software in the following order:

1. HP-UX 10.20 Operating System
2. DII COE Kernel Version 3.0.1.0
3. DII COE Kernel Version 3.0.1.0 Patch 5 (*if needed*)
4. DII COE Kernel Version 3.0.1.0 Patch 6

NOTE: If the Kernel is installed on your system, then install Patch 5 (*if needed*) and then the DII COE Kernel Version 3.0.1.0 Patch 6.

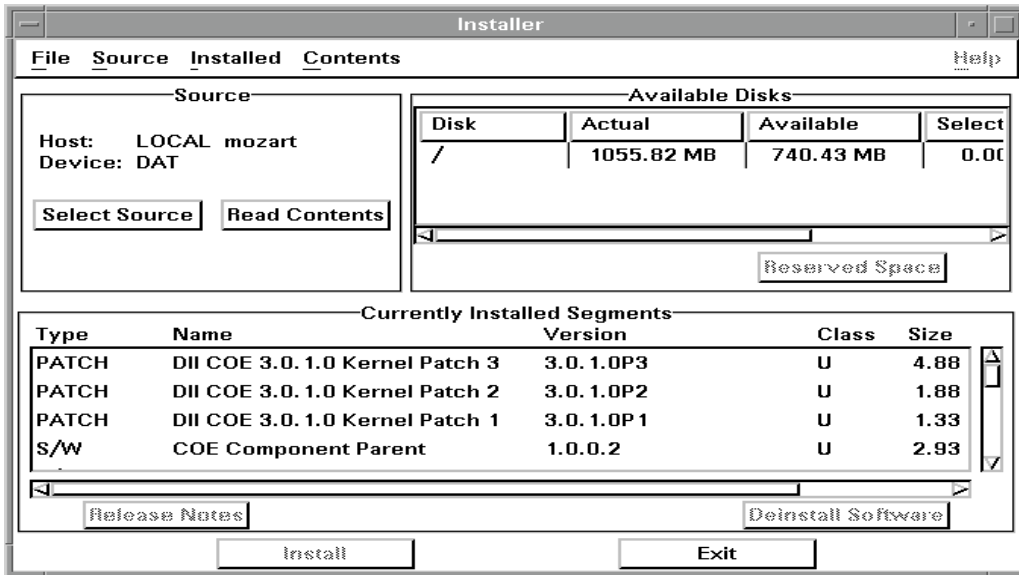
Follow the steps below to install the DII COE Version 3.0.1.0 Kernel Patch 6 (HP-UX 10.20) segment. Refer to the *DII COE System Administrator's Guide (HP-UX 10.20 and Solaris 2.5.1)* for more information about installing segments.

STEP 1: **Load the patch tape.** Load the patch tape into a tape drive.

STEP 2: **Log in as system administrator.** In the DII COE login screen, type `sysadmin` at the Name prompt and press [RETURN].

STEP 3: **Enter the `sysadmin` password.** Type the `sysadmin` password at the Password prompt and press [RETURN]. The System Administration software appears.

STEP 4: Select the segment Installer option. Select the Segment Installer option from the Software pull-down menu. The Installer window appears (Figure 1).



Figure

Installer Window

1.

NOTE: Ensure that you can see the whole Installer window by clicking on the bottom right edge of the window and dragging the trackball or mouse outward to enlarge the window.

STEP 5: Check the installation device. The Source panel displays the name of the host machine and the name of the installation device. The device selection defaults to the DAT drive on the local machine. If you want to select the REMOTE option to install from a remote machine, click on the Select Source button in the Source panel to open the Select Source window (Figure 2); then make necessary changes and click the Ok button to return to the Installer window.

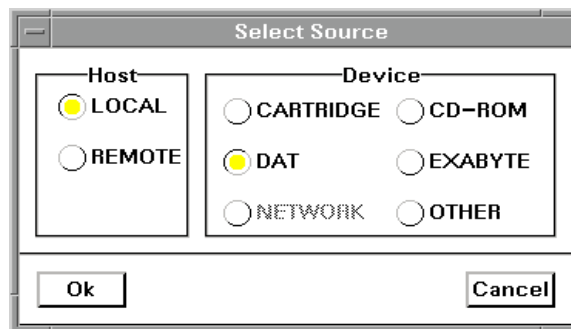


Figure 2. Select Source Window

STEP 6: Read the table of contents of the DAT. Click on the Read Contents button in the Source panel. The media is scanned, and the Installer window adds the Select Software To Install panel. This panel lists the DII COE 3.0.1.0 Kernel Patch 6 segment, which is the patch you want to install. Figure 3 shows the Installer window with the Select Software To Install panel.

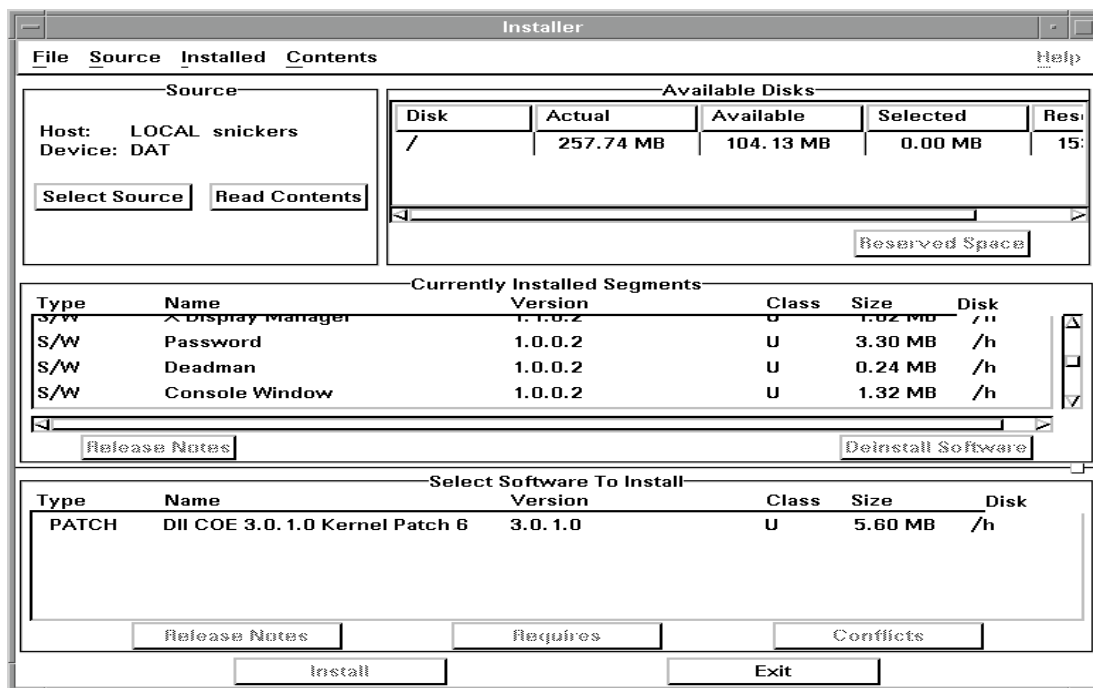


Figure 3. Installer Window with Select Software To Install Panel

STEP 7: Select the segment that you want to install. Click on the DII COE 3.0.1.0 Kernel Patch 6 segment in the Select Software To Install panel to select it for installation. The Available Disks panel then displays the mounted disk drives on the system and the remaining available disk space as the segment is selected.

NOTE: If you wish to view Release Notes and Requires information, continue on to Step 8 and Step 9. If not, go to Step 10.

STEP 8: View Release Notes for the segment. Click on the Release Notes button in the Select Software To Install panel to display release notes for the DII COE 3.0.1.0 Kernel Patch 6 segment. Figure 4 shows the RELEASE NOTES window.

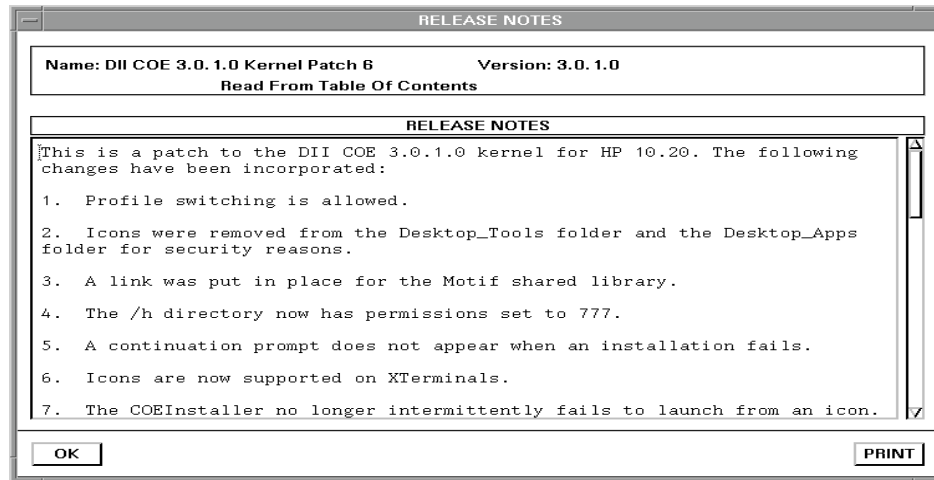


Figure 4. RELEASE NOTES Window

STEP 9: View segments that need to be installed. Click on the Requires button in the Select Software To Install panel. The REQUIRED SEGMENTS window (Figure 5) appears listing the COE Component Parent 1.0.0.2, which needs to be installed before the DII COE 3.0.1.0 Kernel Patch 6 segment.

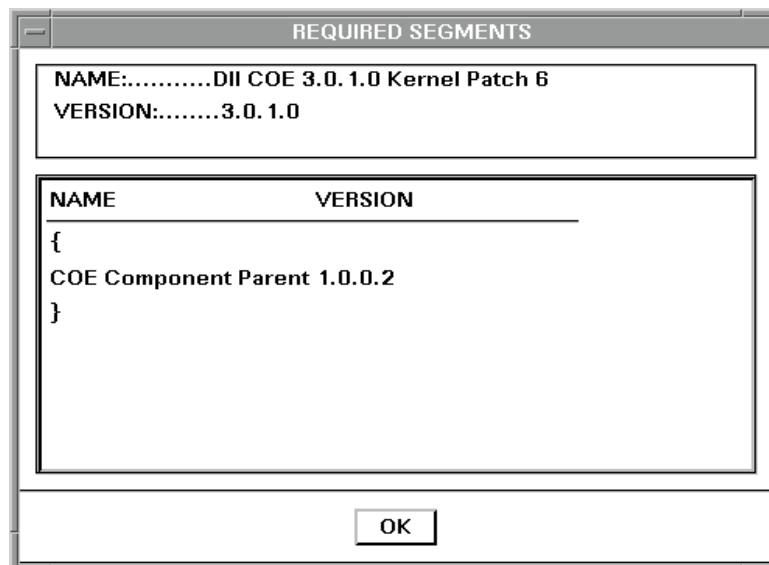


Figure 5. REQUIRED SEGMENTS Window

NOTE: You do not need to click on the `Conflicts` button in the `Select Software To Install` panel because this patch segment has no conflicting segments.

STEP 10: Begin the installation process for the segment. Click on the `Install` button once you select the `DII COE 3.0.1.0 Kernel Patch 6` segment. The `Installer Status` window appears, which shows the segment you are installing and the size of the segment. This window also shows a `Percent Complete` status bar, which displays the status of the installation.

STEP 11: Reboot the system. Once the installation is complete, the `RESPOND TO THE QUESTION` window appears (Figure 6). Click on the `OK` button to reboot the system.

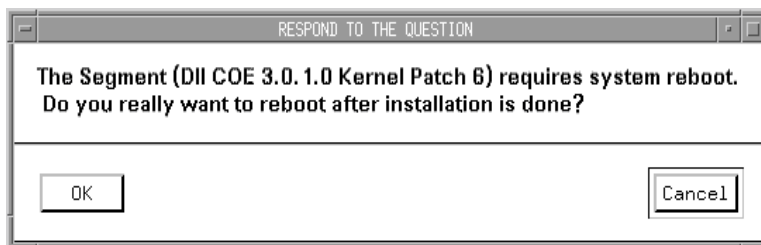


Figure 6. `RESPOND TO THE QUESTION` Window

STEP 12: Ensure the segment installed correctly. Once the system reboots, log back in as `sysadmin`, and select the `Segment Installer` option from the `Software` pull-down menu. The `Installer` window lists the `DII COE 3.0.1.0 Kernel Patch 6` segment in the `Currently Installed Segments` panel.

STEP 13: Exit the installer window. Click on the `Exit` button to exit the `Installer` window.

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